POSITION ANNOUNCEMENT # 00013925
REQUISITION # 493225

Title: Assistant Professor – Soil and Water Chemist

Location: Soil and Water Science Department (SWSD), University of Florida, Institute of Food and Agricultural Sciences (IFAS), Gainesville, Florida

Salary: Commensurate with qualifications and experience

Review Date: For full consideration, candidates should apply and submit additional materials by November 25, 2015. The position will open until a viable applicant pool is determined.

Duties and Responsibilities:
This 12-month, tenure-track position involves 70% research (Florida Agricultural Experiment Station) and 30% teaching (College of Agricultural and Life Sciences). The successful applicant will conduct research in the general area of soil physical and environmental chemistry with emphasis on surface phenomena affecting the mobility of contaminants in soil, sediments, and waters. The research should integrate both theoretical and experimental approaches (including modeling), with the goal of quantitatively describing and predicting contaminant behavior in the Earth’s Critical Zone and developing management processes/strategies for mitigating significant risks. Potential impacts of climate change and sea level rise on soil and water chemical issues should be considered. Experience and skill with advanced techniques appropriate for studying various contaminant interactions at a variety of scales of the solid/liquid and solid/air interfaces is highly desirable. The faculty member will develop an innovative, interdisciplinary, collaborative, and extramurally funded program commensurate with a high quality, nationally recognized research program. Vigorous and successful pursuit of external funding to support the program is essential. Tenure will accrue in the SWSD.

This faculty member will teach theoretical and practical aspects of soil and water chemistry at both the undergraduate and graduate levels either on campus and/or in a distance education format. Active participation in Soil and Water Science graduate programs is expected. The
incumbent will engage in scholarly activities related to instruction. Such activities include
advising and mentoring undergraduate and graduate students, participating in curriculum
revision and enhancement, seeking funding for the teaching program, supervising undergraduate
and graduate research and creative work, teaching-related scholarship, producing learning tools,
and engaging in professional development activities related to teaching and advising. All SWSD
faculty are encouraged to support and participate in the CALS Honors program, distance
education, and international education. All SWSD faculties are committed to the mission of the
Land Grant System and to IFAS core values of excellence, diversity, global involvement, and
accountability.

Because of the IFAS land-grant mission, all faculty are expected to be supportive of and engaged
in all three mission areas—Research, Teaching and Extension—regardless of the assignment
split specified in the position description.

Qualifications:
A Ph.D. (foreign equivalent acceptable) in Soil (and Water) Science, Environmental
Engineering, Geochemistry, or a related area is required. A strong background in chemistry
(physical and/or environmental) is essential. Experience quantitatively describing contaminant
fate and transport is highly desirable. Post-doctoral experience is not required, but is preferred.
Applicants must have the ability and personal motivation to develop a strong research program,
while working cooperatively with other scientists, graduate students and staff. A genuine
commitment to teaching and advising graduate students is essential. Other qualities expected of
the candidate include (i) desire and ability to engage in interdisciplinary, collaborative research
activities; (ii) skills in verbal and written communication, interpersonal relationships, and
procurement of extramural funding; and (iii) commitment to the mission of the Land-Grant
system and to IFAS core values of excellence, diversity, global involvement, and accountability.

Background Information:
The SWSD has established itself as a leader in teaching, research, and extension/outreach
programs in management and restoration of soil and water resources. The interdisciplinary nature
of SWSD programs provides students and faculty with an opportunity to conduct basic and
applied research at multiple (molecular to landscape) scales to solve environmental problems.
Details about the SWSD can be found at: http://soils.ifas.ufl.edu.

The University of Florida (http://www.ufl.edu) is a Land-Grant, Sea-Grant, and Space-Grant
institution, encompassing virtually all academic and professional disciplines, with an enrollment
of more than 50,000 students. UF is a member of The Association of American Universities.
The Institute of Food and Agricultural Sciences (http://ifas.ufl.edu) includes the College of
Agricultural and Life Sciences (http://cals.ufl.edu), the Florida Agricultural Experiment Station
(http://research.ifas.ufl.edu), the Florida Cooperative Extension Service (http://extension.ifas.ufl.edu),
the College of Veterinary Medicine (http://www.vetmed.ufl.edu), the Florida Sea Grant program
(http://www.flseagrant.org/), and encompasses 16 on-campus academic departments and schools, 12 Research and Educational Centers (REC) located
throughout the state, 6 Research sites/demonstration units administered by RECs or academic
departments, and Florida Cooperative Extension Service offices in all 67 counties (counties
operate and maintain). The School of Natural Resources and Environment is an interdisciplinary

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unit housed in IFAS and managed by several colleges on campus. IFAS employs over 2500 people, which includes approximately 900 faculty and 1200 support personnel located in Gainesville and throughout the state. IFAS, one of the nation’s largest agricultural and natural resources research and education organizations, is administered by a Senior Vice President and four deans: the Dean of the College of Agricultural and Life Sciences, the Dean for Extension and Director of the Florida Cooperative Extension Service, the Dean for Research and Director of the Florida Agricultural Experiment Station, and the Dean for the College of Veterinary Medicine. UF/IFAS also engages in cooperative work with Florida A&M University in Tallahassee.

**Employment Conditions:**
This position is available **November 25, 2015**, and will be filled as soon as an acceptable applicant is selected. Compensation is commensurate with the education, experience, and qualifications of the selected applicant.

**Nominations:**
Nominations are welcome. Nominations need to include the complete name and address of the nominee. This information should be sent to:

Please refer to Requisition # 493225

**Dr. George O’Connor**
Chair, Search and Screen Committee
Soil and Water Chemist Position
Soil and Water Science Department
2181 McCarty Hall, PO Box 110290
University of Florida, Gainesville, FL 32611
Telephone: 352-294-3167
Facsimile: 352-392-3399
Email: gao@ufl.edu

**Application Information**

Individuals wishing to apply should go online to [https://jobs.ufl.edu](https://jobs.ufl.edu) and submit:

- Application
- Cover letter that states applicant’s interest in the position and qualifications relative to the credentials listed above
- Curriculum vitae
- Unofficial transcripts showing receipt of the doctoral degree
- Contact information (including email addresses) for four individuals willing to write letters of recommendation.

Final candidate will be required to provide official transcript to the hiring department upon hire. A transcript will not be considered “official” if a designation of “Issued to Student” is visible. Degrees earned from an education institution outside of the United States are required to be evaluated by a professional credentialing service provider approved by National Association of Credential Evaluation Services (NACES), which can be found at [http://www.naces.org/](http://www.naces.org/).
The University of Florida is an Equal Opportunity Institution dedicated to building a broadly diverse and inclusive faculty and staff. The selection process will be conducted in accord with the provisions of Florida’s ‘Government in the Sunshine’ and Public Records Laws. Persons with disabilities have the right to request and receive reasonable accommodation.